



PRODUCT DESCRIPTION SHEET

DALCO 1045

Dalco 1045 is a superior quality, nonwoven geotextile produced by needle-punching together 100% synthetic staple fibers, in a random network, forming a high strength, dimensionally stable fabric. The synthetic fibers are specially formulated to resist ultraviolet light deterioration and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. The synthetic fiber is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today. Dalco 1045 meets the following minimum average roll values:

PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
PHYSICAL				
Grab Tensile	ASTM D 4632	lbs.	120 (.54 kN)	
Grab Elongation	ASTM D 4632	%	50	
Trapezoidal Tear	ASTM D 4533	lbs.	50 (.22 kN)	
CBR Puncture Resistance	ASTM D 6241	lbs.	335 (1.490 kN)	
UV Resistance After 500 hrs.	ASTM D 4355	% Strength Retained	70	
HYDRAULIC				
Permittivity¹	ASTM D 4491	sec ⁻¹	1.5	
Water Flow Rate¹	ASTM D 4491	gpm/ft ²	120 (4885 l/min/m ²)	
Apparent Opening Size²	ASTM D 4751	U.S. Sieve	70 (.212mm)	
PACKAGING				
Roll Width		ft	12.5	15
Roll Length		ft	360	
Area		yd ²	500 / 600	

¹ Handling, at the time of manufacturing, may change these properties.

² Apparent Opening Size, (AOS), reported as maximum average roll value.

To the best of our knowledge, the information contained herein is accurate. However, it is not a warranty or a guarantee and is provided for reference only. We accept no responsibility for results obtained by the application of this information or the safety or suitability of our products either alone or in combination with other products. Final determination of the suitability of any information or material for the use contemplated, of its manner of use, and whether the suggested use infringes on any patents is the sole responsibility of the user.

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